

**Table II.** Cumulative heat yields ( $\Delta Q_x$ ) and cumulative growth yields ( $Y_{X/S}$ ) of *S. cerevisiae* at different phases of growth for non-pH-adjusted cultures.

Phase	Substrate	$\Delta Q_x$		$Y_{X/S}$
		kJ/g ( <i>n</i> )	kJ/C-mol	C-mol/C-mol ( <i>n</i> )
Respiro-fermentative	Glucose	$-9.5 \pm 1.3$ (4)	-250.8	$0.130 \pm 0.003$ (2)
Early respiratory	Ethanol	$-47.1 \pm 2.6$ (2)	-1243.0	$0.380 \pm 0.035$ (2)
Late respiratory	Ethanol	$-72.0 \pm 8.0$ (4)	-1900.2	$0.284 \pm 0.023$ (2)

$\pm$ SD; *n* = number of experiments.